

3 a mobile station connected to said router said mobile station adapted to wirelessly
4 communicate to an external network;

5 at least one host in the first number of hosts being capable of generating packet
6 data suitable for transmission within said mobile LAN;

7 memory connected to said router for storing one or more globally defined
8 addresses of the kind utilized in communicating data from any of said first number of hosts to at
9 least one host connected in said external network; and

10 an address translator connected to said memory and said router for translating said
11 packet data generated by said at least one host in the first number of hosts into packet data
12 suitable for transport to said at least one host in said external network, said translated packet data
13 including one of said globally defined addresses stored in said memory.

1 2. (Twice Amended) A mobile LAN as claimed in claim 1, wherein:

2 said address translator, after receiving data received via said mobile station,
3 changes a destination address field of data packets originated externally to said LAN and
4 intended for a first of said first number of hosts from a globally defined address into a locally
5 defined address that identifies said first of said first number of hosts.

1 4. (Amended) A mobile LAN as claimed in claim 1, wherein:

2 said router, said memory and said address translator are disposed in said mobile
3 station.

1 6. (Twice Amended) A method of communicating packet data between a first host
2 among a first number of interconnected hosts and a second host in an external network utilizing
3 globally defined addresses, said packet data being routed and radio transmitted to said external
4 network, said method comprising the steps of:

5 (a) utilizing a locally defined address in said packet data to be communicated by
6 said first host;

7 (b) storing, in a router associated with said first number of interconnected hosts,
8 one or more globally defined addresses of the kind utilized in communicating said packet data
9 between said interconnected hosts and said second host in the external network, and

10 (c) translating the locally defined address in said packet data communicated by
11 the first host into one of the said globally defined addresses stored in step b).

1 11. (Amended) The mobile LAN of claim 1, wherein:

2 a plurality of said globally defined addresses are stored in a memory closely
3 associated with said router, said address translator translating said packet data generated by said
4 at least one host in the first number of hosts, prior to a wireless communication with said external
5 network, to include a first globally defined address stored in said memory so long as successive
6 communications between said at least one host in the first number of hosts and said at least one
7 host in the external network occur within a predetermined period of time from each other.

1 13. (Amended) The mobile LAN of claim 1, wherein:

2 said router directs said translated packet data towards a wireless interface between
3 said mobile LAN and said external network, and then to at least one host in the external network.